HIKVISION

DS-K2600 Series Access Controller

Arming and Disarming Ness M1 via Controller

NESS CORPORATION

Ness V1.0

Event Linkage to Arm / Disarm Ness M1

Purpose:

To Arm and Disarm the Ness M1 Security Alarm Panel via the Access Controller and also denying Access to staff via Access Controlled Doors, who do not have Security Panel Disarm authorization.
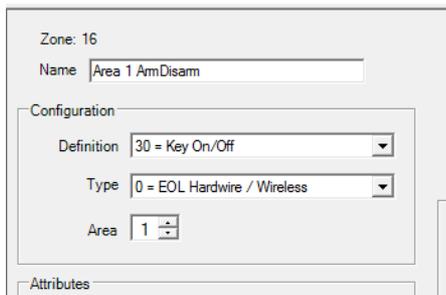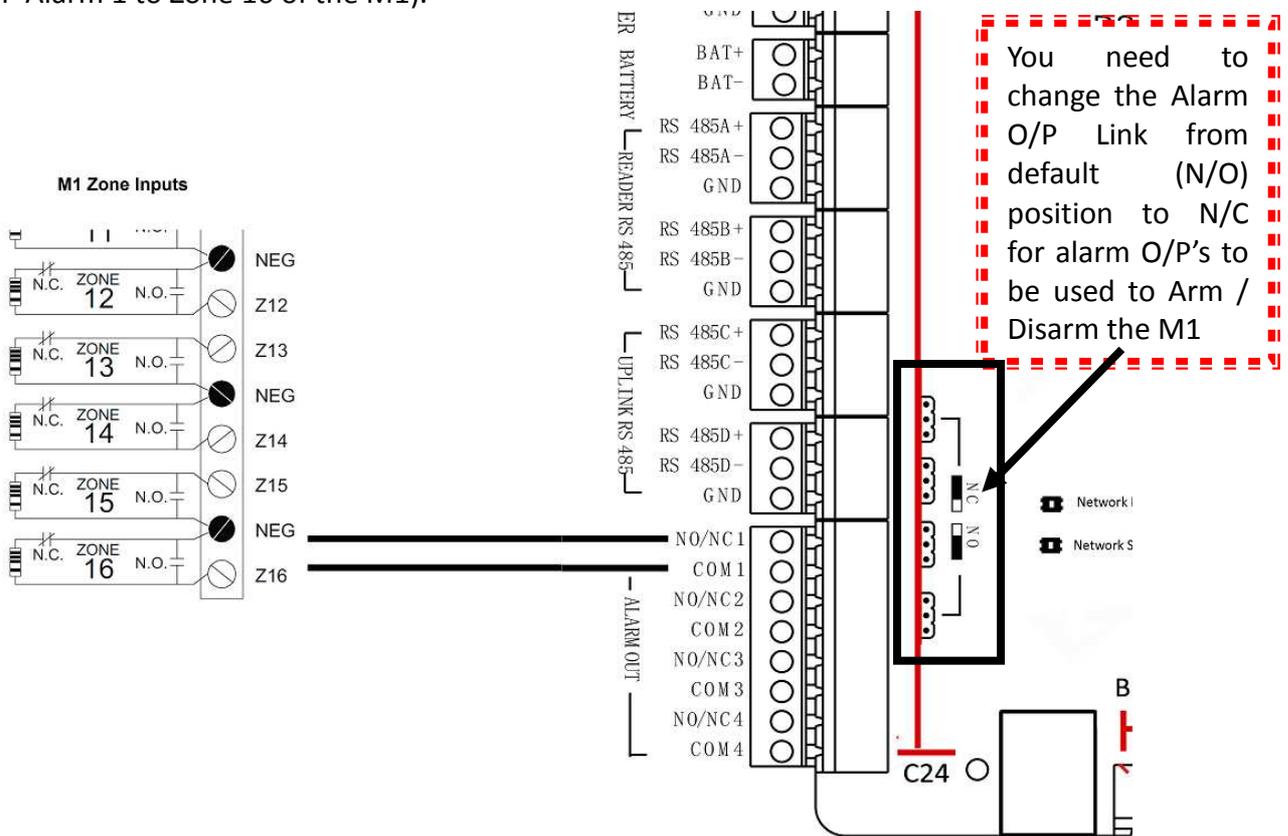
Arming / Disarming the Ness M1 from the Access Controller.

Purpose:

To Arm / Disarm the Security System via an Access Card at Entry / Exit readers.

One card 'swipe' when arriving will Disarm the Security Alarm and 3 x Card Swipes when leaving will Arm the Security Alarm Panel.

Step A.

Wire O/P from the Access Controllers "Alarm Out" into M1 Zone Inputs, as per the example below. (O/P Alarm 1 to Zone 16 of the M1).

You need to change the Alarm O/P Link from default (N/O) position to N/C for alarm O/P's to be used to Arm / Disarm the M1

You will need to ensure the zone you are using in the M1 is programmed to Definition 30=Key On/Off

Then when the Access Controller is in a 'Armed State' the M1 Area will be Armed and then the Access Controller is in a 'Disarm State' the M1 will be disarmed.

Step B.
In iVMS4200, open the 'Event Management' tab, select the Access Controller and click on 'Event Card Linkage.

Click on 'Add" to add a new Event Trigger
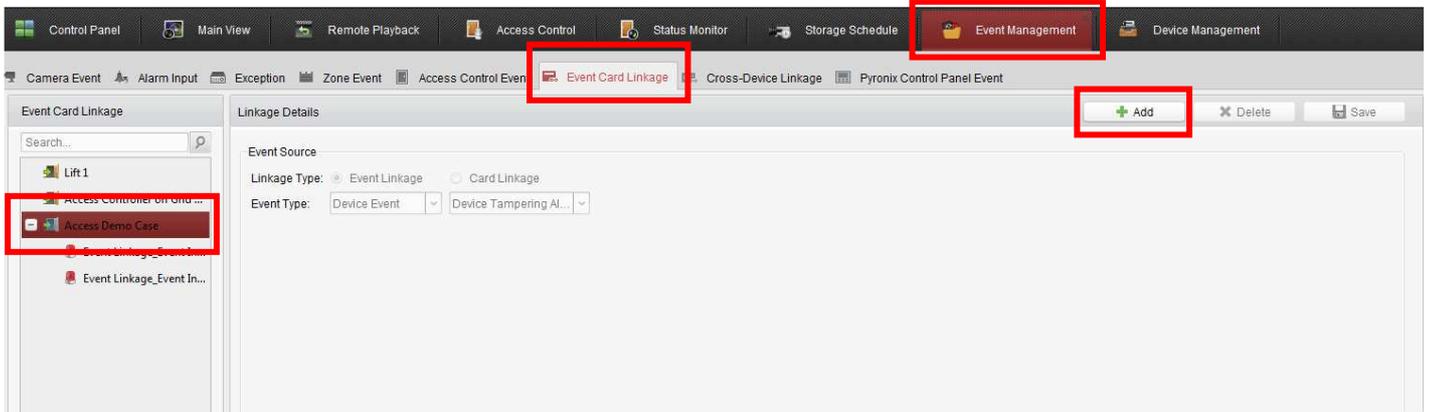
Click on 'Card Linkage" then from the drop down box of all cards currently programmed into the system, select a card with 'Super User' set as their Card Type.

Select from the drop down list the Card Reader you wish to be able to Arm / Disarm the Security system

(You need to add a new Card Linkage for each user and each reader who has access to Disarm the Security System via a card reader)

Select the Linkage Target to be 'Alarm Output'

Then Select the Output(s) you wish to use to connect to the M1 to Arm / Disarm the Area(s)
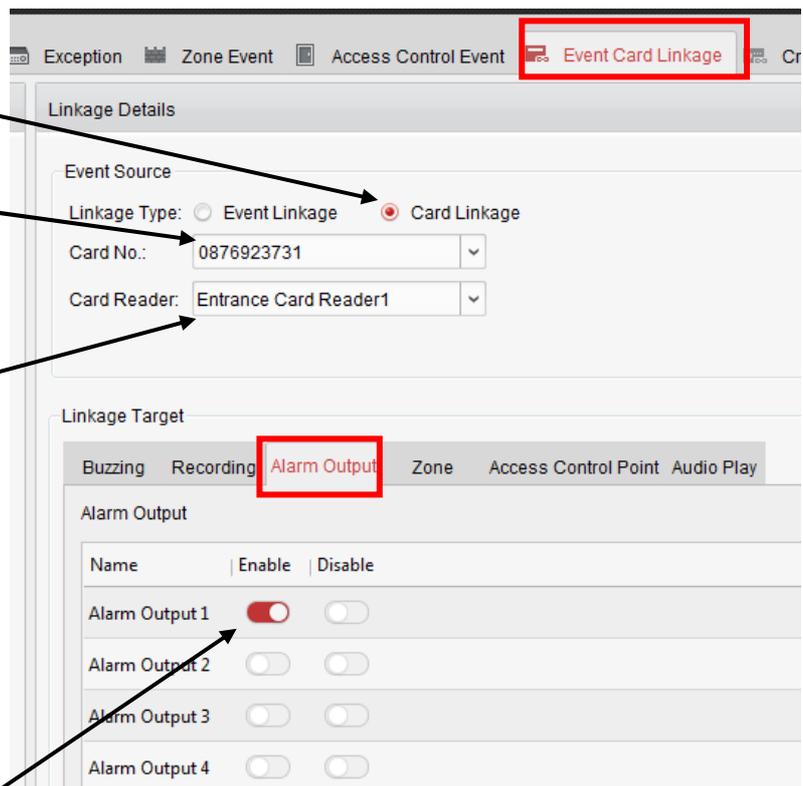
Arming / Disarming the M1.
Once saved, 'swiping a Card as programmed above to the selected reader, as above, 3 times (within 5 seconds) will turn the selected O/P Off.

3

Controlling who can access onsite when the Security System is Armed.

Purpose:

To deny Access to staff who do not have rights to Disarm the Security System when it is armed.

This prevents staff from accessing onsite (even during their authorized Access Times) if the Security System is Arm.

Step 1.

Wire the system in a configuration similar to the following example.

Wire a Change over relay contact from an O/P on the M1 to Input on the Access Controller. (e.g. O/P 7 of the M1 to C7 and C8 of the Access Controller.

Program the M1 Relay to activate, which would then trigger C8 when the M1 is Armed) and deactivate when the M1 is Disarmed, which would trigger C7 when M1 is Disarmed.
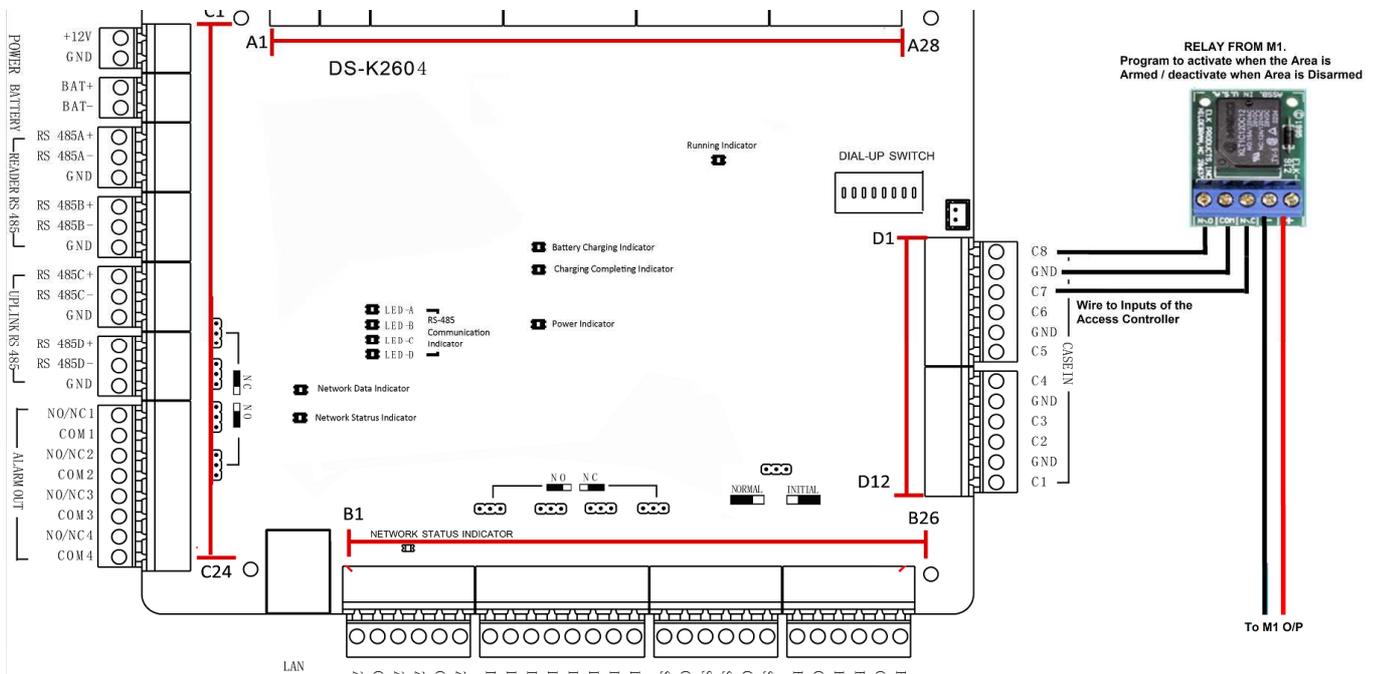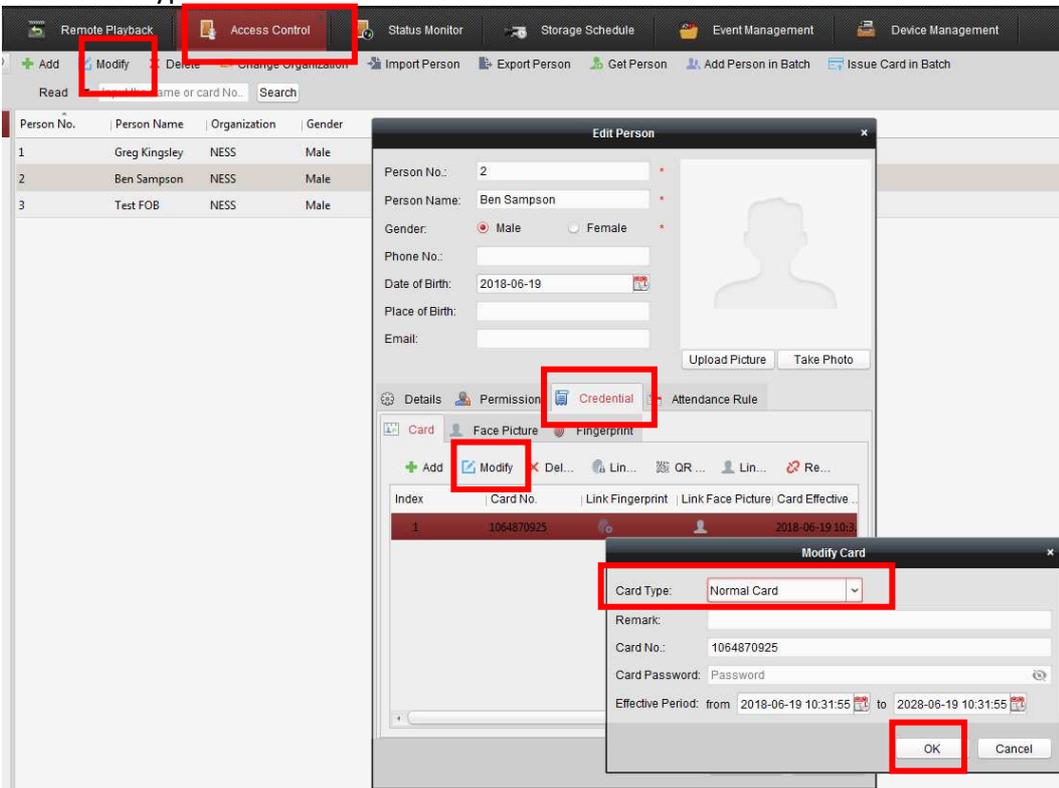
Step 2.

In iVMS4200 select the users who are to have rights to Gain Access when the Security Alarm system is Armed and make sure their Card Type is set to "Super User"
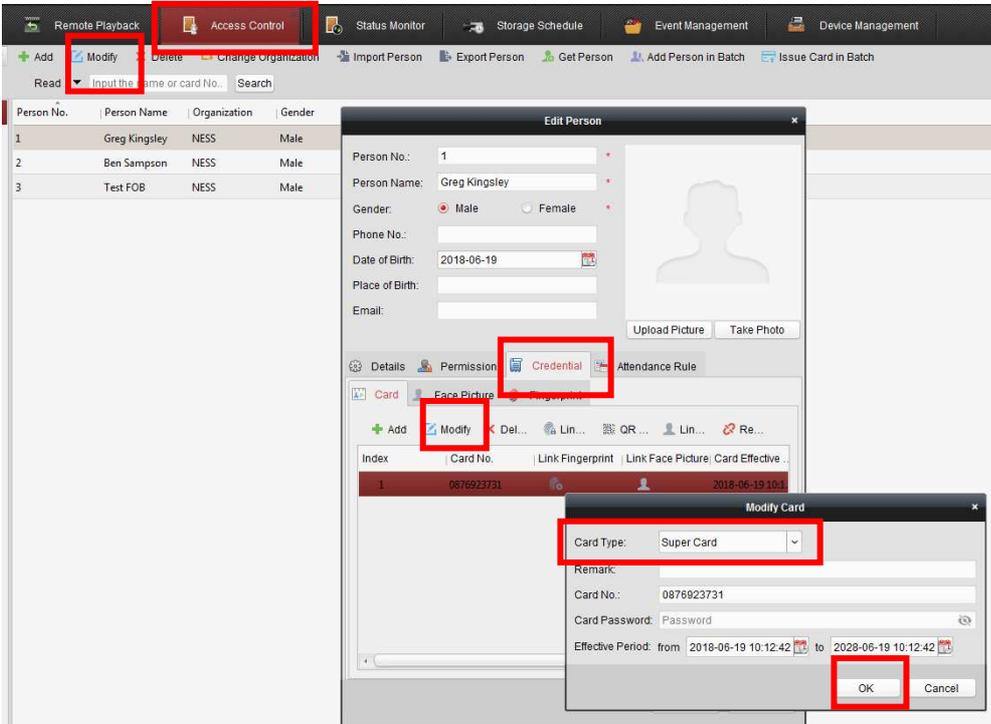
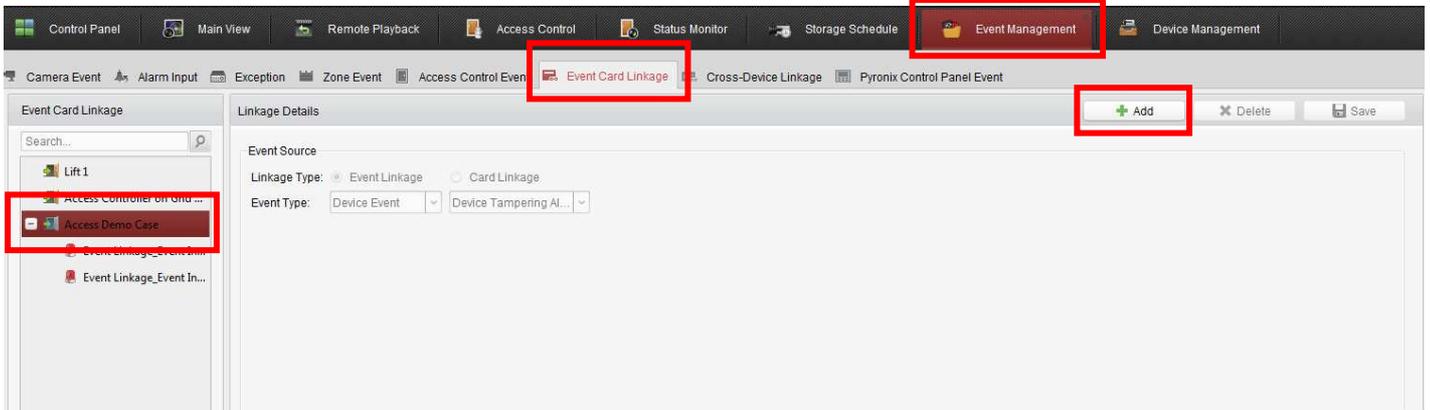
For the users who cannot gain access through doors when the Security System is Armed, make sure their Card Type is set as "Normal Card

Step 3.
In iVMS4200, open the 'Event Management' tab, select the Access Controller and click on 'Event Card Linkage.
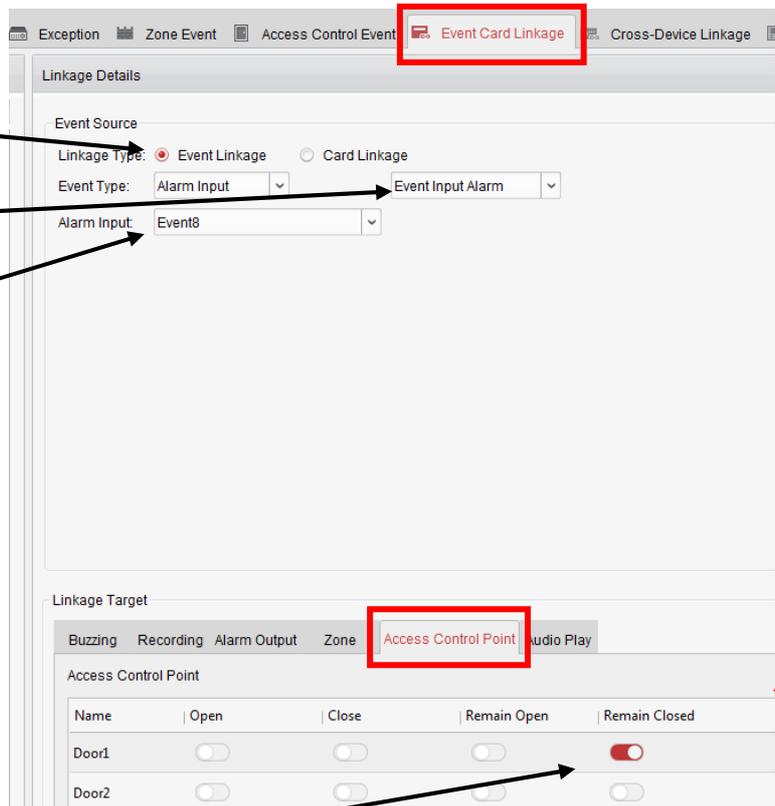
Click on 'Add" to add a new Event Trigger

Click on 'Event Linkage" then select the 'Event Type' to be "Alarm Input"

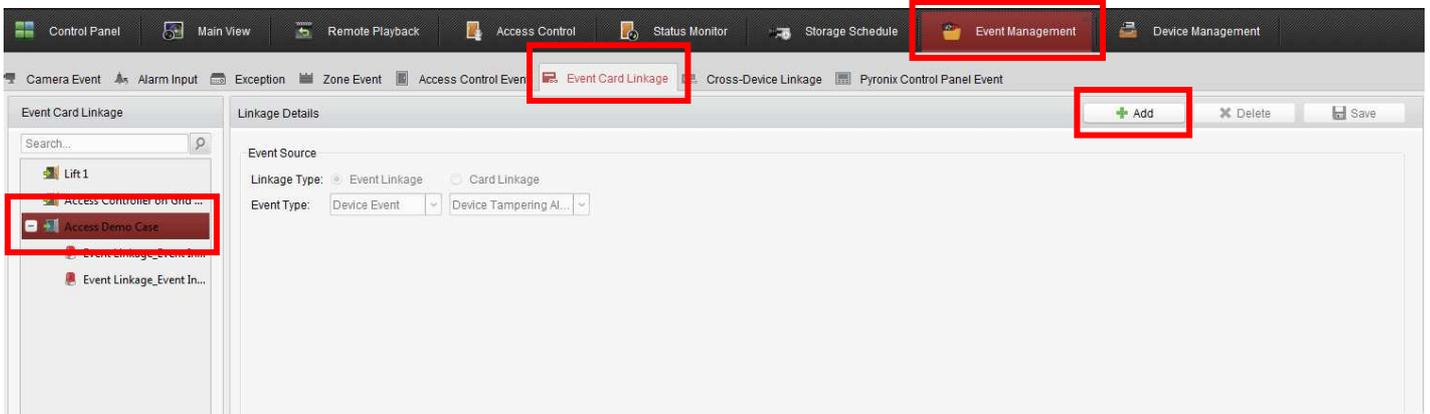Select 'Event Input Alarm'

Then Select Alarm Input 'Event**8**'

Select the Linkage Target to be 'Access Control Point' (i.e   Door)

Then Select the Door(s) you wish to deny access to user who can't disarm the Alarm (i.e. 'Normal Card Types) and turn 'on' "Remain closed"
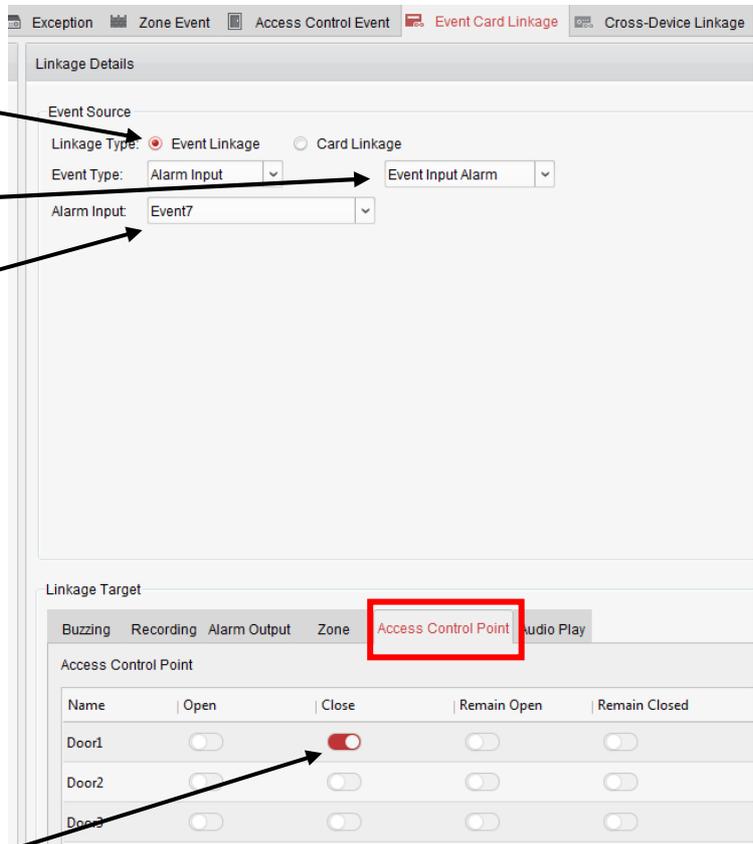
Step 3B.

Click on 'Add" to add another new Event Trigger

Click on 'Event Linkage" then select the 'Event Type' to be "Alarm Input"

Select 'Event Input Alarm'

Then Select Alarm Input 'Event**7**'

Select the Linkage Target to be 'Access Control Point' (i.e   Door)

Then Select the Door(s) you wish to put to 'normal' state when the Ness Alarm System (M1) is disarmed, either via use of a 'Super Card' or via the M1 itself. Select 'Close' and turn on the Door(s).

In the status Monitoring screen, while the Security System is Armed the selected door(s) (as programmed above in 3A) will be shown in a 'Remain Closed' state. During this state only 'Super Cards' will be gained Access.

Once the Security System is Disarmed, the selected door(s) (as programmed above in 3B) will be shown in a 'Close Door' state. During this state both 'Normal and 'Super Cards' will be gained Access if there access levels permit.
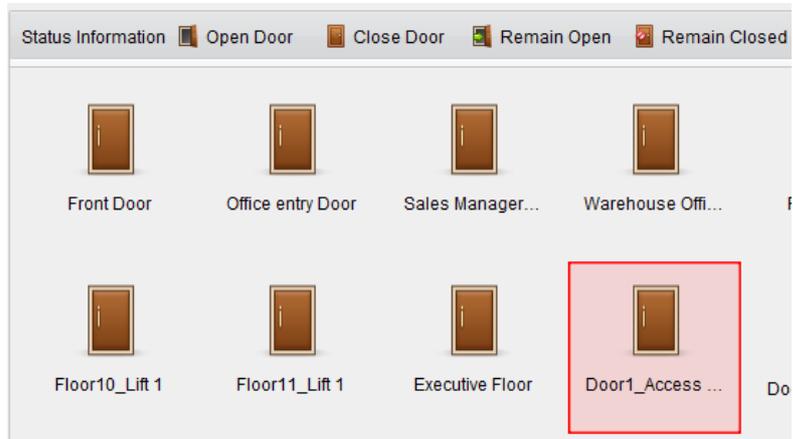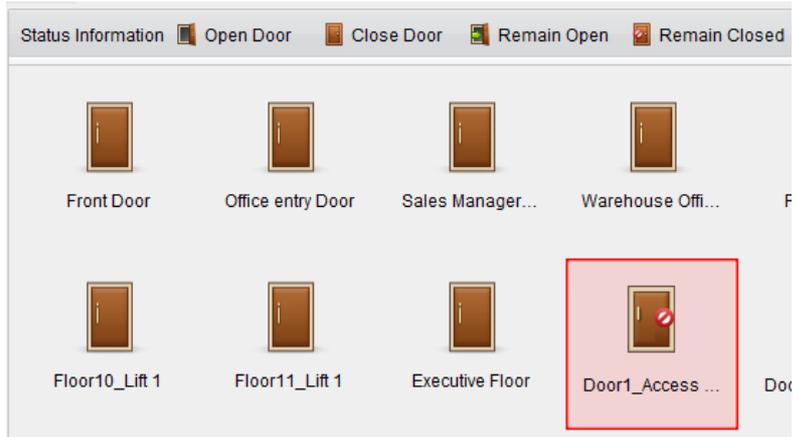
This manual has been modified by Ness Corporation for our valued customers.

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